METHODS AND APPARATUS FOR PERFORMING STACK UNWINDING

ABSTRACT OF THE DISCLOSURE

In a compiler, a method of generating assembly code for stack unwinding is disclosed. One or more source code lines are obtained. Assembly code for the one or more source code lines is then generated. The assembly code includes one or more stack unwind assembler having one or more associated stack unwind sub directives. Each of the stack unwind assembler directives is adapted for indicating to an assembler that one or more encoded data sections containing stack information to be used for stack unwinding is to be generated in an object file from the one or more associated stack unwind sub directives.

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